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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/981,734	10/19/2001	Tsuyoshi Tamura	110927	6121

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OLIFF & BERRIDGE, PLC
P.O. BOX 19928
ALEXANDRIA, VA 22320

EXAMINER

MONDT, JOHANNES P

ART UNIT PAPER NUMBER

2826

DATE MAILED: 11/04/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Applicant No.

09/981,734

Applicant(s)

TAMURA ET AL. 

Examiner

Johannes P Mondt

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 September 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) 16-21 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Election/Restrictions

1. Applicant's election with traverse of the Restriction Requirement of Paper No. 6 in Paper No. 7 is acknowledged. The traversal is on the ground(s) that search and examination of the entire examination could be made without serious burden to the examiner. Because of the different characteristics with respect to principal classification this argument is not convincing. However, in order to mitigate the adverse consequences of the restriction requirement, without prejudice as to the underlying cause of the same, on overall delay of disposal the examination is herewith conducted at the earliest possible time.

The requirement is still deemed proper and is therefore made FINAL.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. **Claims 1-2** are rejected under 35 U.S.C. 102(b) as being anticipated Rostoker et al (5,914,955). Rostoker teaches a semiconductor device (cf. title and abstract, first

sentence) for output interface 340 (cf. abstract, second sentence and column 29, lines 50-67) having an interface function with an output device, the semiconductor device comprising:

an input terminal 300 (column 7, lines 8-53) to which compressed data (cf. column 7, lines 22-24) is input;

a decompression section 300 (cf. column 7, lines 46-49) which decompresses the compressed data;

an output terminal in 300 for outputting data decompressed by the decompression section to the output device 348 (cf. column 28, lines 61-67).

With regard to claim 2: Rostoker teaches a semiconductor device (cf. title and abstract) for input interface (MPEG, column 35, line 62 – column 36, line 7) having an interface function with an input device, the semiconductor device comprising:

an input terminal 329 (cf. column 36, lines 4-5) to which uncompressed data is input from the input device;

a compression section 329 (cf. column 36, lines 4-5) which compresses the uncompressed data; and

an output terminal to 373 (cf. column 36, lines 12-26) for outputting data compressed by the compression section.

With regard to claim 3: Rostoker et al teach a semiconductor device (cf. title and abstract, first sentence) for driving a display section, the semiconductor device comprising:

an input terminal 300 (column 7, lines 8-53) to which compressed data (cf. column 7, lines 22-24) is input;

a decompression section 300 (cf. column 7, lines 46-49) which decompresses the compressed data;

an output terminal in 300 to 307 for displaying data decompressed by the decompression section to the display section 307 (cf. column 7, lines 40-53).

With regard to claims 4-6: Rostoker et al also teach the inclusion of code division multiplex access (CDMA) inherently satisfying the limitation of claims 4 and 5.

With regard to claim 7-15: the compressed data is compressed according to the MPEG (Motion Pictures Experts Group) standard (cf. column 4, lines 27-41).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure: Li et al. (6,310,652 B1); J. A. Eldon (ISBN 0-8186-7646-9).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Johannes P Mondt whose telephone number is 703-306-0531. The examiner can normally be reached on 8:00 - 18:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan J Flynn can be reached on 703-308-6601. The fax phone numbers


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for the organization where this application or proceeding is assigned are 703-308-7722 for regular communications and 703-308-7724 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

JPM

October 28, 2002



NATHAN J. FLYNN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800